

Citing
References

84231330. PubMed ID: 6203528. Characterization of the RNA dependent DNA polymerase of a new human T-lymphotropic retrovirus (**lymphadenopathy associated virus**). Rey M A; Spire B; Dormont D; Barre-Sinoussi F; Montagnier L; Chermann J C. Biochemical and biophysical research communications, (1984 May 31) Vol. 121, No. 1, pp. 126-33. Journal code: 0372516. ISSN: 0006-291X. Pub. country: United States. Language: English.

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AB We described here the characteristics of the **Reverse Transcriptase** activity associated with the **Lymphadenopathy Associated Virus** (**LAV**). A critical concentration of non ionic detergent, all four deoxyribonucleosides triphosphates and the divalent cation Mg²⁺ are required for optimal **endogenous** enzyme activity. The **endogenous** reaction product is digested by DNase and not by RNase and its synthesis is only slightly inhibited by actinomycin D. **Exogenous reactions** are optimal using poly A oligo dT₁₂-18 or poly Cm oligo dG₁₂-18 as template primer and Mg²⁺ as divalent cation. This enzyme can be distinguished from other cellular DNA polymerases activities and from Terminal deoxynucleotidyl Transferase (TdT) by purification from **LAV** infected T lymphocytes using phosphocellulose column.

J.J. 2004 78(20):

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MAY 1983 SCIENTIFIC PAPER -

- I.S. @ MCGINNIS
- ← W.F. MAIER A 102(6) : DNT PRIORITY /
- OZONE BARRIER - JUN 1983; W
- ARRIVED LATER IN MONTH TO MEET "JUN-ASSOCIATED" RT ACTIVITY
- NEED TO SHOW INVENTORSHIP TO OVERCOME 102 (9) REQUEST /

FORWARD w/ S.P. on 04/05/07

P.H.

1983 - SCIENTIFIC PAPER

MFP 8/9

DEC 1983
{ MAY 1983 }

DISCLOSED RT &
(RECORDED REC - ADDITIONAL INFORMATION)

- cDNA MUTH p.6

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